

5/5/21

1. A method for conducting a financial batch auction after a first period and before a second period, comprising the steps of:
- receiving orders from one or more qualified participants, said orders representing a desire to execute a trade regarding a security;
  - concurrently with receiving said orders, transmitting information regarding said orders to said qualified participants;
  - terminating the receiving of orders;
  - discovering an optimal price at which a maximum number of shares will be executed;
  - executing a trade of said maximum number of shares at said optimal price; and
  - allocating said executed maximum number of shares fairly among orders that qualify according to a predetermined allocation procedure.
2. The method for conducting a financial batch auction according to claim 1, wherein said orders include parameters describing a trade side, a security identifier, and a quantity of shares.
3. The method for conducting a financial batch auction according to claim 1, wherein said orders have order types selected from the group consisting of unpriced orders, priced orders, and cross orders.
4. The method for conducting a financial batch auction according to claim 1, wherein the batch auction is conducted concurrently with a continuous trading financial market.

1     10. A method of performing a batch auction of a  
2     security, comprising the steps of:  
3         - compiling an order book, wherein said compiling  
4     comprises receiving order information from qualified

4           - discovering an optimal price, wherein said  
5     discovering step comprises identifying one or more  
6     prices at which the batch auction would produce a  
7     maximum number of executed shares, and selecting one of  
8     said one or more prices as an optimal price; and

11. The method of performing a batch auction of a security according to claim 10, wherein said order information comprises parameters describing a trade side, a security identifier, and a quantity of shares.

1 13. The method of performing a batch auction of a  
2 security according to claim 10, wherein the batch  
3 auction is conducted concurrently with a continuous  
4 trading financial market.

1     14. The method of performing a batch auction of a  
2     security according to claim 13, wherein the batch  
3     auction is performed at the open or close of said  
4     continuous trading market.

20. A computerized system for performing a batch auction of a security, comprising:

- a computerized network having one or more computers in electronic communication with each other;

21. The computerized system for performing a batch  
 auction of a security according to claim 20, wherein  
 said predetermined selection of data published by said

22. The computerized system for performing a batch  
 auction of a security according to claim 20, wherein  
 said messages can contain order types selected from the  
 group consisting of unpriced orders, priced orders, and  
 cross orders.

24. The computerized system for performing a batch auction of a security according to claim 20, further comprising communication connections whereby said qualified participants may remotely submit said messages to said order receiving program electronically.

25. The computerized system for performing a batch  
 auction of a security according to claim 24, wherein  
 said qualified participants receive said results of the  
 batch auction electronically from said notification  
 program.

26. The computerized system for performing a batch  
 auction of a security according to claim 20, wherein  
 said predetermined criteria vary within a time interval  
 preceding said execution time.

1     27. The computerized system for performing a batch  
2     auction of a security according to claim 20, wherein

1 ~~B1~~ said execution time comprises either at an opening or a  
2 closing of a continuous trading financial market.

1 28. The computerized system for performing a batch  
2 auction of a security according to claim 20, wherein  
3 said execution program allocates said maximum number of  
4 shares pro-rata among said accepted orders.

1 29. The computerized system for performing a batch  
2 auction of a security according to claim 20, further  
3 comprising an interface for a designated intermediary  
4 to view said order book database while said order  
5 receiving program is communicating with said order book  
6 database.

1 30. A method for conducting a security batch auction  
2 cycle, said auction cycle having an order acceptance  
3 period, a price discovery period, and an order  
4 execution period, said method comprising the steps of:  
5 - during a first of two stages of said order acceptance  
6 period:

7 - accepting requests to enter auction orders into an  
8 order book, to modify auction orders within the order  
9 book, and to cancel auction orders within the order  
10 book during a first stage of said order acceptance  
11 period; and

12 - selecting data from said order book, and  
13 publishing said selected data to one or more qualified  
14 recipients;

15 - during the second stage of said order acceptance  
16 period:

17 - accepting late requests to enter auction orders  
18 into the order book if said late requests to enter meet  
19 a first set of criteria;

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31/ - accepting late requests to modify orders within  
the order book if said late requests to modify meet a  
second set of criteria; and  
- publishing said selected data within said order  
book to said qualified recipients;  
- during said price discovery period:  
- identifying one or more prices at which the batch  
auction cycle would produce a maximum number of  
executed shares, and selecting one of said one or more  
prices as an optimal price; and  
- during said order execution period:  
- executing a trade of said maximum number of shares  
at said optimal price; and  
- allocating said executed maximum number of shares  
among the orders according to a predetermined  
criterion.

31. A method of performing an intermediated batch  
auction of a security, comprising the steps of:  
- receiving a plurality of orders from one or more  
qualified participants, each of said orders identifying  
a desire to trade shares of the security;  
- providing information to an intermediary regarding  
said plurality of orders, and accepting orders from  
said intermediary identifying a desire to trade an  
excess number of shares;  
- discovering an optimal price at which a maximum  
number of said shares identified by said plurality of  
orders will be executed;  
- executing a trade of said maximum number of shares  
and said excess number of shares at said optimal price;  
and



- 1 ~~B/D - allocating said executed maximum number of shares~~  
2 ~~and said excess number of shares fairly among orders~~  
3 ~~from said qualified participants and said intermediary.~~

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